

\$
FILE 'HOME' ENTERED AT 13:44:44 ON 16 JAN 2003

=> file agricola biosis caplus caba

=> s inbred cucumber

L1 12 INBRED CUCUMBER

=> duplicate remove l1

DUPLICATE PREFERENCE IS 'AGRICOLA, BIOSIS, CAPLUS, CABA'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L1

L2 7 DUPLICATE REMOVE L1 (5 DUPLICATES REMOVED)

=> d ti 1-7

L2 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1
TI Silver nitrate effects on sex expression in cucumber

L2 ANSWER 2 OF 7 AGRICOLA DUPLICATE 2
TI Inheritance of resistance to watermelon mosaic virus in the cucumber line
TMG-1: tissue-specific expression and relationship to zucchini yellow
mosaic virus resistance.

L2 ANSWER 3 OF 7 CABA COPYRIGHT 2003 CABI
TI Genetic analysis for major agronomic characters in cucumber (Cucumis
sativus L.).

L2 ANSWER 4 OF 7 AGRICOLA DUPLICATE 3
TI Inheritance of resistance to the watermelon strain of papaya ringspot
virus in the cucumber line TMG-1.

L2 ANSWER 5 OF 7 CABA COPYRIGHT 2003 CABI
TI High effective multiple selection of parental lines of cucumber hybrid
with strong early mature heterosis.

L2 ANSWER 6 OF 7 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI IN-VITRO CULTURE OF CUCUMIS-SATIVUS L. 7. GENES CONTROLLING PLANT
REGENERATION.

L2 ANSWER 7 OF 7 CABA COPYRIGHT 2003 CABI
TI Production of **inbred cucumber** lines and their use to
obtain heterotic hybrids.

=> d bib abs 3 7

L2 ANSWER 3 OF 7 CABA COPYRIGHT 2003 CABI
AN 97:16182 CABA
DN 971600262
TI Genetic analysis for major agronomic characters in cucumber (Cucumis
sativus L.)
AU Li JianWu; Li, J. W.; Zhu DeWei [EDITOR]
CS Horticultural Department of Henan Agricultural University, Zhengzhou,
Henan 450002, China.
SO Acta Horticulturae, (1995) No. 402, pp. 388-391. 5 ref.
Meeting Info.: International symposium on cultivar improvement of
horticultural crops. Part I: vegetable crops, held at Beijing, China on
September 6-10, 1993.
ISSN: 0567-7572; ISBN: 90-6605-857-9
DT Conference Article; Journal
LA English
AB Information on heterosis and combining ability is derived from data on 9
yield components in 4 **inbred cucumber** lines and their
6 F1 hybrids grown in Zhengzhou, China. Total yield, early yield, fruit
number, average fruit weight, leaf area, fruit ratio and fruit shape index
had positive heterosis. Vine length had negative heterosis; shorter vines
produced greater yields. Yield was most affected by fruit number and
average fruit weight. Among the parents, line 112 had the greatest GCA for
average fruit weight and fruit ratio. Hybrid 111 x 112 had the greatest
SCA for fruit number, average fruit weight, vine length, fruit length :
diameter ratio and leaf area.

L2 ANSWER 7 OF 7 CABA COPYRIGHT 2003 CABI
AN 89:37502 CABA
DN 891675718
TI Production of **inbred cucumber** lines and their use to

obtain heterotic hybrids
 AU Dambraskas, E.
 CS Litovskii N.-I. Inst. Plodoovshchnogo Khozyaistva, Lithuanian SSR.
 SO Problemy ekologicheskogo monitoringa i geneticheskie aspekty ornitofauny i
 drugih organizmov. 2. Problemy geneticheskogo i ekologicheskogo
 monitoringa rastenii i zhivotnykh, (1988) pp. 34-36. Vilnius
 CY LITHUANIAN SSR
 DT Miscellaneous
 LA Russian
 AB In the production of hybrid varieties in the Lithuanian SSR, the maternal
 forms used were lines selected in Fetox F2, Heureka, Kuba F2 and 6502 and
 the pollen parents were lines selected in 6502 and Voronezhskii. Hybrids
 were obtained which outyielded the locally grown standard, Lebelles F1, in
 total yield and early yield (first 15 days of fruiting), and produced
 good-quality fruit suitable for pickling. Tabulated data are given on
 early and total yield for the promising hybrids Fetox F2 x 6502, Kuba F2 x
 6502 and Heureka x Voronezhskii.

=> s 8d-5079

L3 0 8D-5079

=> logoff hold

FILE 'HOME' ENTERED AT 16:58:57 ON 16 JAN 2003

=> file agricola bisois caplus caba

=> s inbred and cucumber

L1 320 INBRED AND CUCUMBER

=> duplicate remove l1

L2 223 DUPLICATE REMOVE L1 (97 DUPLICATES REMOVED)

=> d ti 1-50

L2 ANSWER 1 OF 223 CAPLUS COPYRIGHT 2003 ACS

TI A reference map of Cucumis melo based on two recombinant **inbred**
 line populations

L2 ANSWER 2 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI Combining ability analysis of yield components in **cucumber**.

L2 ANSWER 3 OF 223 AGRICOLA DUPLICATE 1

TI QTLs involved in the restriction of **cucumber** mosaic virus (CMV)
 long-distance movement in pepper.

L2 ANSWER 4 OF 223 CABA COPYRIGHT 2003 CABI

TI A new **cucumber** hybrid - 'Zhongnong 14'.

L2 ANSWER 5 OF 223 AGRICOLA DUPLICATE 2

TI Relationship between somaclonal variation and type of culture in
cucumber.

L2 ANSWER 6 OF 223 CAPLUS COPYRIGHT 2003 ACS

TI Comparison of agricultural characteristics among the substitution lines
 for mitochondrial genome in **cucumber**

L2 ANSWER 7 OF 223 CABA COPYRIGHT 2003 CABI

TI Evidence for downy mildew races in **cucumber** tested in Asia,
 Europe, and North America.

L2 ANSWER 8 OF 223 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 3

TI Silver nitrate effects on sex expression in **cucumber**

L2 ANSWER 9 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE

4
 TI A useful protocol for in situ RT-PCR on plant tissues.

L2 ANSWER 10 OF 223 CABA COPYRIGHT 2003 CABI

TI Breeding of a new **cucumber** variety - 'Jinyou 10'.

L2 ANSWER 11 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI Marker-aided and phenotypic selection for multiple lateral branching in
cucumber.

L2 ANSWER 12 OF 223 CABA COPYRIGHT 2003 CABI

TI Development and evaluation of **cucumber** hybrids in the hills of

Himachal Pradesh.

- L2 ANSWER 13 OF 223 CABA COPYRIGHT 2003 CABI
TI Diversity pattern and choice of parents for hybridization in slicing **cucumber** (*Cucumis sativus* L.).
- L2 ANSWER 14 OF 223 CABA COPYRIGHT 2003 CABI
TI Selection of a new **cucumber** (*Cucumis sativus*) F1 hybrid Xianghuanggua No. 5.
- L2 ANSWER 15 OF 223 CABA COPYRIGHT 2003 CABI
TI Selection of a new **cucumber** (*Cucumis sativus* L.) F1 hybrid Jinyou No. 4.
- L2 ANSWER 16 OF 223 CABA COPYRIGHT 2003 CABI
TI **Cucumber inbred** line USDA 6632E.
- L2 ANSWER 17 OF 223 AGRICOLA DUPLICATE 5
TI Screening the **cucumber** germplasm collection for combining ability for yield.
- L2 ANSWER 18 OF 223 AGRICOLA DUPLICATE 6
TI A genetic map of **cucumber** composed of RAPDs, RFLPs, AFLPs, and loci conditioning resistance to papaya ringspot and zucchini yellow mosaic viruses.
- L2 ANSWER 19 OF 223 AGRICOLA DUPLICATE 7
TI Screening the **cucumber** germplasm collection for fruit storage ability.
- L2 ANSWER 20 OF 223 AGRICOLA DUPLICATE 8
TI Characterization of sources of resistance to the watermelon strain of Papaya ringspot virus in **cucumber**: allelism and co-segregation with other potyvirus resistances.
- L2 ANSWER 21 OF 223 CAPLUS COPYRIGHT 2003 ACS
TI Identification of QTLs contributing to resistance to different strains of **cucumber** mosaic cucumovirus in melon
- L2 ANSWER 22 OF 223 CABA COPYRIGHT 2003 CABI
TI Identification of QTLs contributing to resistance to different strains of **cucumber** mosaic cucumovirus in melon.
- L2 ANSWER 23 OF 223 CABA COPYRIGHT 2003 CABI
TI A new **cucumber** variety for solar, greenhouse production - 'Jinyou No.5'.
- L2 ANSWER 24 OF 223 CABA COPYRIGHT 2003 CABI
TI Resistance to downy mildew, *Pseudoperonospora cubensis*, in cucumbers.
- L2 ANSWER 25 OF 223 CAPLUS COPYRIGHT 2003 ACS
TI Linkage inheritance among 6 genes in **cucumber**
- L2 ANSWER 26 OF 223 CABA COPYRIGHT 2003 CABI
TI Canonical discriminant analysis of nine pickling **cucumber** (*Cucumis sativus*) accessions.
- L2 ANSWER 27 OF 223 CABA COPYRIGHT 2003 CABI
TI The effects of gamma irradiation on pollen viability and haploid plant formation in snake **cucumber** (*Cucumis melo* L. var. *flexuosus* Naud.).
- L2 ANSWER 28 OF 223 AGRICOLA DUPLICATE 9
TI Testcross performance of three selection cycles from four pickling **cucumber** populations.
- L2 ANSWER 29 OF 223 AGRICOLA
TI Little heterosis for yield and yield components in hybrids of six **cucumber** inbreds.
- L2 ANSWER 30 OF 223 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 10
TI Study on the resistance of **cucumber** to temperature stress
- L2 ANSWER 31 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding of a new **cucumber** variety 'Jinyou No.2' for solar greenhouse production in winter and spring.
- L2 ANSWER 32 OF 223 CABA COPYRIGHT 2003 CABI
TI The breeding of Yufangie 7, a new high quality, high yielding, disease resistant tomato cultivar.
- L2 ANSWER 33 OF 223 CABA COPYRIGHT 2003 CABI

TI Rationale and methods for producing hybrid cucurbit seed.

L2 ANSWER 34 OF 223 AGRICOLA DUPLICATE 11
 TI Independence of the mj nematode resistance gene from 17 gene loci in **cucumber**.

L2 ANSWER 35 OF 223 CABA COPYRIGHT 2003 CABI
 TI The performance of individual selection in pepper breeding for viral resistance.

L2 ANSWER 36 OF 223 AGRICOLA DUPLICATE 12
 TI Two-gene interaction and linkage for bitterfree foliage in **cucumber**.

L2 ANSWER 37 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI Two-gene interaction and linkage for bitterfree foliage in **cucumber**.

L2 ANSWER 38 OF 223 CABA COPYRIGHT 2003 CABI
 TI Three slicing **cucumber** populations: NCWBS, NCMS, and NCES1.

L2 ANSWER 39 OF 223 AGRICOLA
 TI A recessive gene for revolute cotyledons in **cucumber**.

L2 ANSWER 40 OF 223 CABA COPYRIGHT 2003 CABI
 TI A recessive gene for revolute cotyledons in **cucumber**.

L2 ANSWER 41 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI Factors influencing **cucumber** (*Cucumis sativus* L.) somatic embryogenesis. II. The genotypes with different morphogenetic response specifically influencing culture parameters.

L2 ANSWER 42 OF 223 CABA COPYRIGHT 2003 CABI
 TI Breeding of sweet-hot pepper F1 hybrid Zhongjiao 10.

L2 ANSWER 43 OF 223 CABA COPYRIGHT 2003 CABI
 TI Breeding of a new early maturing **cucumber** cultivar Huahuanggua No.1.

L2 ANSWER 44 OF 223 CAPLUS COPYRIGHT 2003 ACS
 TI Chemically regulated promoters and pathogenesis-related genes and their use in increasing plant pathogen resistance

L2 ANSWER 45 OF 223 AGRICOLA DUPLICATE 13
 TI 'Lucia', 'Manteo', and 'Shelby' root-knot nematode-resistant **cucumber** **inbred** lines.

L2 ANSWER 46 OF 223 AGRICOLA DUPLICATE 14
 TI Multiple alleles for zucchini yellow mosaic virus resistance at the zym locus in **cucumber**.

L2 ANSWER 47 OF 223 CABA COPYRIGHT 2003 CABI
 TI Three pickling **cucumber** populations: NCWBP, NCMBP, and NCEP1.

L2 ANSWER 48 OF 223 CABA COPYRIGHT 2003 CABI
 TI Study on genetic correlation and path analysis of the main agronomic characters of **cucumber**.

L2 ANSWER 49 OF 223 AGRICOLA DUPLICATE 15
 TI Inheritance of resistance to the Moroccan watermelon mosaic virus in the **cucumber** line TMG-1 and cosegregation with zucchini yellow mosaic virus resistance.

L2 ANSWER 50 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 DUPLICATE 16
 TI Genetic analysis of **cucumber** yield and its components by diallel crossing.

=> d bib abs 45 16

L2 ANSWER 45 OF 223 AGRICOLA DUPLICATE 13
 AN 1998:39847 AGRICOLA
 DN IND21075782
 TI 'Lucia', 'Manteo', and 'Shelby' root-knot nematode-resistant **cucumber** **inbred** lines.
 AU Walters, S.A.; Wehner, T.C.
 AV DNAL (SB1.H6)
 SO HortScience : a publication of the American Society for Horticultural Science, Dec 1997. Vol. 32, No. 7, p. 1301-1303
 Publisher: Alexandria, Va. : The American Society for Horticultural

Science.
 CODEN: HJHSAR; ISSN: 0018-5345
 NTE Includes references
 CY United States; Virginia
 DT Article
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L2 ANSWER 16 OF 223 CABA COPYRIGHT 2003 CABI
 AN 2002:6563 CABA
 DN 20013144606
 TI **Cucumber inbred** line USDA 6632E
 AU Staub, J. E.; Crubaugh, L. K.
 CS Department of Horticulture, University of Wisconsin-Madison, USDA-ARS
 Vegetable Crops Research Unit, 1575 Linden Dr., Madison WI 53706, USA.
 SO Cucurbit Genetics Cooperative, (2001) No. 24, pp. 6-7. 4 ref.
 Publisher: Cucurbit Genetics Cooperative. College Park
 Price: Bulletin article .
 ISSN: 1064-5594

CY United States
 DT Journal
 LA English

AB The new **cucumber inbred** line USDA 6632E originated from a cross between the multiple disease resistant USDA line 3733 and the monoecious multiple disease resistant line Wautoma. USDA 6632E is resistant to *Pseudomonas lachrymans* [*Pseudomonas syringae* pv. *lachrymans*], *Colletotrichum orbiculare*, *Pseudoperonospora cubensis*, *Sphaerotheca fuliginea*, *Cladosporium cucumerinum* and **cucumber** mosaic virus.

=> d bib abs 38 18

L2 ANSWER 38 OF 223 CABA COPYRIGHT 2003 CABI
 AN 1998:107140 CABA
 DN 981607615
 TI Three slicing **cucumber** populations: NCWBS, NCMB, and NCES1
 AU Wehner, T. C.
 CS Department of Horticultural Science, North Carolina State University,
 Raleigh, NC 27695-7609, USA.
 SO HortScience, (1998) Vol. 33, No. 1, pp. 168-170. 11 ref.
 ISSN: 0018-5345

DT Journal
 LA English

AB Three American slicing **cucumber** populations, NCWBS, NCMB and NCES1, were developed in North Carolina, USA, for use in the development of inbreds and hybrids. NCWBS, NCMB and NCES1 were developed from a wide, medium or elite germplasm base, respectively. They were selected for optimal yields, fruit shape and resistance to *Colletotrichum orbiculare* and *Didymella bryoniae*, and were improved using modified half-sib family recurrent selection. The 3 populations are described, and yields and other characteristics are compared with those of the controls Dasher II (gynoeious hybrid) and Poinsett 76 (monoecious **inbred**). Generally, NCES1 performed better than NCWBS and NCMB in the summer seasons, and NCMB performed best in the Spring seasons. The 3 populations generally outperformed Poinsett 76, and were similar in performance to Dasher II. Colour and C. orbiculare resistance were similar in the 3 populations and Dasher II.

L2 ANSWER 18 OF 223 AGRICOLA DUPLICATE 6
 AN 2001:29290 AGRICOLA
 DN IND22301009
 TI A genetic map of **cucumber** composed of RAPDs, RFLPs, AFLPs, and loci conditioning resistance to papaya ringspot and zucchini yellow mosaic viruses.

AU Park, Y.H.; Sensoy, S.; Wye, C.; Antonise, R.; Peleman, J.; Havey, M.J.
 AV DNAL (QH431.G452)
 SO Genome, Dec 2000. Vol. 43, No. 6. p. 1003-1010
 Publisher: Ottawa, Ontario, Canada : National Research Council of Canada.
 CODEN: GENOE3; ISSN: 0831-2796

NTE Includes references
 CY Canada; Ontario
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English
 SL French

AB The watermelon strain of papaya ringspot virus (PRSV-W) and zucchini yellow mosaic virus (ZYMV) are potyviruses that cause significant disease losses in **cucumber**. Resistances have been identified primarily in exotic germplasm that require transfer to elite cultivated backgrounds. To select more efficiently for virus resistances, we identified molecular

markers tightly linked to PRSV-W and ZYMV resistances in **cucumber**. We generated F6 recombinant **inbred** lines (RILs) from a cross between *Cucumis sativus* L. 'Straight 8' and a line from 'Taichung Mou Gua', TMG1 (susceptible and resistant, respectively, to both viruses), and studied the segregations of amplified fragment length polymorphism (AFLP) markers, randomly amplified polymorphic DNAs (RAPDs), restriction fragment length polymorphisms (RFLPs), and resistances to PRSV-W and ZYMV. A 353-point map of **cucumber** was generated, delineating 12 linkage groups at LOD 3.5. Linkage arrangements among RFLPs were consistent with previously published maps; however linkages among RAPDs in our map did not agree with a previously published map. Resistances to PRSV-W and ZYMV were tightly linked (2.2 cM) and mapped to the end of one linkage group. One AFLP cosegregated with resistance to ZYMV.

=> logoff hold

STN INTERNATIONAL SESSION SUSPENDED AT 17:03:54 ON 16 JAN 2003

FILE 'HOME' ENTERED AT 14:08:35 ON 17 JAN 2003

=> file agricola biosis caplus caba

=> s inbred and cucumber

L1 320 INBRED AND CUCUMBER

=> duplicate remove l1

L2 223 DUPLICATE REMOVE L1 (97 DUPLICATES REMOVED)

=> d ti 51-100

L2 ANSWER 51 OF 223 CABA COPYRIGHT 2003 CABI

TI Resistance to western flower thrips in greenhouse **cucumber**: effect of leaf position and plant age on thrips reproduction.

L2 ANSWER 52 OF 223 CABA COPYRIGHT 2003 CABI

TI Breeding of super early and high yielding hot pepper cultivar 'Lianjiao No. 1'.

L2 ANSWER 53 OF 223 CABA COPYRIGHT 2003 CABI

TI A preliminary report on the application of 60Co gamma -rays to **cucumber** mutation breeding.

L2 ANSWER 54 OF 223 CABA COPYRIGHT 2003 CABI

TI Selection of new processing tomato F1 hybrid 'Xinfan No. 4'.

L2 ANSWER 55 OF 223 CABA COPYRIGHT 2003 CABI

TI Independent segregation among 11 gene loci in **cucumber**.

L2 ANSWER 56 OF 223 AGRICOLA

DUPLICATE 17

TI 'M 17' gummy stem blight resistant pickling **cucumber inbred**.

L2 ANSWER 57 OF 223 AGRICOLA

TI NC-42 and NC-43: root-knot nematode-resistant **cucumber** germplasm.

L2 ANSWER 58 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI State of the art of large-scale genetic purity testing of hybrid vegetable seeds using isoelectric focusing at PetoSluis.

L2 ANSWER 59 OF 223 AGRICOLA

DUPLICATE 18

TI Evaluation of transgenic tomato plants expressing the coat protein gene of **cucumber** mosaic virus strain WL under field conditions.

L2 ANSWER 60 OF 223 AGRICOLA

DUPLICATE 19

TI Sources of potential errors in the application of random amplified polymorphic DNAs in **cucumber**.

L2 ANSWER 61 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

DUPLICATE 20

TI Coat protein-mediated protection to **cucumber** mosaic virus infections in cultivated tomato.

L2 ANSWER 62 OF 223 CABA COPYRIGHT 2003 CABI

TI Efficiency of haploid production in **cucumber**.

L2 ANSWER 63 OF 223 CABA COPYRIGHT 2003 CABI

TI Selection of new **cucumber** F1 hybrid Zhongnong No. 8 suitable for open field production.

L2 ANSWER 64 OF 223 CABA COPYRIGHT 2003 CABI
 TI The effect of simple and recurrent in vitro regeneration on a **cucumber inbred** line under field cultivation.

L2 ANSWER 65 OF 223 CABA COPYRIGHT 2003 CABI
 TI Breeding of a new **cucumber** variety Jin Chun No. 2 under plastic tunnel.

L2 ANSWER 66 OF 223 CABA COPYRIGHT 2003 CABI
 TI **Cucumber** (Cucumis sativus L.) mutants segregating in M2 generation after gamma-ray seed and pollen irradiation.

L2 ANSWER 67 OF 223 CABA COPYRIGHT 2003 CABI
 TI An induced mutation in **cucumber** (Cucumis sativus L.): super compact.

L2 ANSWER 68 OF 223 AGRICOLA DUPLICATE 21
 TI Field evaluation of transgenic squash containing single or multiple virus coat protein gene constructs for resistance to **cucumber** mosaic virus, watermelon mosaic virus 2, and zucchini yellow mosaic virus.

L2 ANSWER 69 OF 223 AGRICOLA DUPLICATE 22
 TI Inheritance of resistance to watermelon mosaic virus in the **cucumber** line TMG-1: tissue-specific expression and relationship to zucchini yellow mosaic virus resistance.

L2 ANSWER 70 OF 223 CABA COPYRIGHT 2003 CABI
 TI Genetic analysis for major agronomic characters in **cucumber** (Cucumis sativus L.).

L2 ANSWER 71 OF 223 AGRICOLA DUPLICATE 23
 TI Inheritance of resistance to the watermelon strain of papaya ringspot virus in the **cucumber** line TMG-1.

L2 ANSWER 72 OF 223 CABA COPYRIGHT 2003 CABI
 TI Breeding **inbred** lines of small-fruited **cucumber**.

L2 ANSWER 73 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE 24
 TI The relationship between powdery mildew (*Sphaerotheca fuliginea*) resistance and leaf chlorosis sensitivity in **cucumber** (Cucumis sativus) studied in single seed descent lines.

L2 ANSWER 74 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE 25
 TI Inheritance and linkage of resistance in **cucumber** line SMR-18 to races 1 and 2 of *Fusarium oxysporum* f.sp. *cucumerinum*.

L2 ANSWER 75 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI Development of initial material for breeding of vigor **cucumber** hybrids resistant to diseases and red spider mite.

L2 ANSWER 76 OF 223 CABA COPYRIGHT 2003 CABI
 TI **Cucumber** (Cucumis sativus L.) induced mutations: a female sterile mutant and an independent long hypocotyl mutant.

L2 ANSWER 77 OF 223 CABA COPYRIGHT 2003 CABI
 TI Methods for estimating genetic distance and their relationships with **cucumber** heterosis.

L2 ANSWER 78 OF 223 CABA COPYRIGHT 2003 CABI
 TI A salicylic acid-binding activity and a salicylic acid-inhibitable catalase activity are present in a variety of plant species.

L2 ANSWER 79 OF 223 CABA COPYRIGHT 2003 CABI
 TI Independence between scab resistance and morphological traits in **cucumber**.

L2 ANSWER 80 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI Regeneration of plants from mesophyllous protoplasts of **cucumber**.

L2 ANSWER 81 OF 223 CABA COPYRIGHT 2003 CABI
 TI An approach for rapid checking of seed purity by RFLP analysis of nuclear DNA in F1 hybrid of **cucumber** (Cucumis sativus L.).

L2 ANSWER 82 OF 223 CABA COPYRIGHT 2003 CABI
 TI Response reaction of *C. moschata* breeding lines to mechanical inoculations of CMV, PRSV-W, and WMV-II.

L2 ANSWER 83 OF 223 CABA COPYRIGHT 2003 CABI
 TI Differences in the luminescence of regenerated **cucumber** plants caused by plant hormones in the medium.

L2 ANSWER 84 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 DUPLICATE 26
 TI Main factors affecting **cucumber** (*Cucumis sativus* L.) haploid embryo development and haploid plant characteristics.

L2 ANSWER 85 OF 223 CABA COPYRIGHT 2003 CABI
 TI Analysis of combining ability of **cucumber** quality characteristics.

L2 ANSWER 86 OF 223 CABA COPYRIGHT 2003 CABI
 TI Jinchun 3, a new **cucumber** cultivar for the sunlit greenhouse.

L2 ANSWER 87 OF 223 CABA COPYRIGHT 2003 CABI
 TI Breeding of super-early maturing and high yielding **cucumber** cultivars 1 and 2 in Hunan province.

L2 ANSWER 88 OF 223 CABA COPYRIGHT 2003 CABI
 TI Breeding of Bo Za 10 - an F1 hybrid of spinach.

L2 ANSWER 89 OF 223 CABA COPYRIGHT 2003 CABI
 TI New **cucumber** cultivar Zhongnong 8 for outdoor cultivation.

L2 ANSWER 90 OF 223 CABA COPYRIGHT 2003 CABI
 TI Breeding the new **cucumber** cultivar Zhong Nong 2.

L2 ANSWER 91 OF 223 CABA COPYRIGHT 2003 CABI
 TI New released **cucumber** cultivar Jinchun 4 - high-quality, disease-resistant and high-yielding.

L2 ANSWER 92 OF 223 AGRICOLA
 TI Testing the effect of the determinate shoot growth allele on **cucumber** root growth.

L2 ANSWER 93 OF 223 AGRICOLA DUPLICATE 27
 TI Temperature and humidity affect pillowy fruit disorder in **cucumber**.

L2 ANSWER 94 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI Gray leaf spot disease of maize: Rating methodology and **inbred** line evaluation.

L2 ANSWER 95 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 DUPLICATE 28
 TI Inheritance and genetic linkage of fusarium wilt (*Fusarium oxysporum* f.sp. *cucumerinum* race 1) and scab (*Cladosporium cucumerinum*) resistance genes in **cucumber** (*Cucumis sativus*).

L2 ANSWER 96 OF 223 AGRICOLA DUPLICATE 29
 TI Selection for multiple disease resistance reduces **cucumber** yield potential.

L2 ANSWER 97 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 DUPLICATE 30
 TI Identification of CMV resistant by enzyme-linked immunosorbent assay and protoplast isolation in **cucumber**.

L2 ANSWER 98 OF 223 CABA COPYRIGHT 2003 CABI
 TI Application of narrow-sense canonical characters to **cucumber** breeding.

L2 ANSWER 99 OF 223 CABA COPYRIGHT 2003 CABI
 TI Application of factor analysis to **cucumber** breeding.

L2 ANSWER 100 OF 223 CABA COPYRIGHT 2003 CABI
 TI **Cucumber** (*Cucumis sativus* L.) induced mutations: a *Phaseolus* leaf mutant.

=> d bib abs 91 90 89 86 72 56 57

L2 ANSWER 91 OF 223 CABA COPYRIGHT 2003 CABI
 AN 95:197417 CABA
 DN 951610701
 TI New released **cucumber** cultivar Jinchun 4 - high-quality, disease-resistant and high-yielding
 AU Lu, S. Z.; Ma, D. H.; Huo, Z. R.; Shen, W. Y.; Li, S. J.; Chen, Z. W.

CS Tianjin City Cucumber Institute, Tianjin 300192, China.
SO China Vegetables, (1994) No. 2, pp. 1-3.
DT Journal
LA Chinese
AB This F1 hybrid was bred by crossing the high- yielding, disease-resistant **inbred** lines Jin 90-3 and 76-2-1-1-6-4. It is similar to Jinza 2 in resistance to downy mildew [*Pseudoperonospora cubensis*], Fusarium wilt and *Sphaerotheca fuliginea*. It exceeds Jinyan 4 in early yield by 8.5-11.2%, yielding about 10 t/ha, and in total yield by 38.3-47.6%, yielding 83.7-86 t/ha. It yields fruit of a high quality.

L2 ANSWER 90 OF 223 CABA COPYRIGHT 2003 CABI
AN 96:10680 CABA
DN 951614565
TI Breeding the new **cucumber** cultivar Zhong Nong 2
AU Fang XiuJuan; Yin Yan; Han Xu; Gu XinFang; Fang, X. J.; Yin, Y.; Han, X.; Gu, X. F.
CS Institute of Vegetables and Flowers, CAAS, Beijing 100081, China.
SO China Vegetables, (1994) No. 6, pp. 1-3.
DT Journal
LA Chinese
AB This F1 hybrid of the gynoeceious type, derived by crossing the gynoeceious line 7925G with an **inbred** line, has 93.9% gynoeceious plants. It is a midseason cultivar with high early yield. The total yield is 63-87 t/ha. The cultivar is resistant to *Pseudoperonospora cubensis* and powdery mildew and moderately resistant to *Pythium* and *Colletotrichum orbiculare*. The fruit is of good quality, with crisp sweet flesh containing 2.04 g sugar and 13.9 mg ascorbic acid/100 g fresh weight. Zhong Nong 2 is suitable for spring and autumn cultivation in the open in the north, north east, north west or east of China.

L2 ANSWER 89 OF 223 CABA COPYRIGHT 2003 CABI
AN 95:177640 CABA
DN 951610730
TI New **cucumber** cultivar Zhongnong 8 for outdoor cultivation
AU Fang, X. J.; Gu, X. F.; Han, X.
CS Institute of Vegetables and Flowers, CAAS, Beijing 100081, China.
SO China Vegetables, (1994) No. 3, pp. 2.
DT Journal
LA Chinese
AB This midlate F1 hybrid was bred by crossing the **inbred** lines 90271 and 90211. In early and total yield it exceeds the control Jinza 2 by 5-10% and the major commercial variety Jinyan 4 by over 30%. It has vigorous growth and good commercial quality. The fruit is dark green, crisp and sweet, with a mean length of 35-40 cm and a mean weight of 150-200 g. The hybrid is tolerant of Fusarium wilt and resistant to **cucumber** mosaic cucumovirus, powdery mildew, downy mildew [*Pseudoperonospora cubensis*] and zucchini yellow mosaic potyvirus. It yields 60-75 t/ha and is suitable for spring cultivation in the open.

L2 ANSWER 86 OF 223 CABA COPYRIGHT 2003 CABI
AN 95:177624 CABA
DN 951610712
TI Jinchun 3, a new **cucumber** cultivar for the sunlit greenhouse
AU Hou, F.; Shen, W. Y.; Ma, D. H.; Huo, Z. R.
CS Cucumber Institute, Tianjin 300192, China.
SO China Vegetables, (1994) No. 2, pp. 54.
DT Journal
LA Chinese
AB This hybrid variety is derived by crossing the maternal **inbred** line P8-2-3-7, which is disease resistant, vigorous and high yielding, with the early high-yielding pollen parent line B9-2-4, a selection from the cultivar Beijingxiaoci. Jinchun 3 is resistant to *Pseudoperonospora cubensis* and powdery mildew and tolerant of low temperature and weak lighting. It can be sown in late September to early October (even December) in north China, develops normally at night-time temperatures of 10-13 deg C and is suitable for overwintering in the sunlit greenhouse. Information on 5 morphological traits is given. Mean fruit length is 30 cm, mean fruit weight 200 g and mean yield 75 t/ha.

L2 ANSWER 72 OF 223 CABA COPYRIGHT 2003 CABI
AN 96:114761 CABA
DN 961607980
TI Breeding **inbred** lines of small-fruited **cucumber**
AU Khristova, Kh.
CS Opitna Stantsiya po Zelenchukovi Kulturi, Gorna Oryakhovitsa, Bulgaria.
SO Rasteniye "dni Nauki, (1995) Vol. 32, No. 5, pp. 222-223. 6 ref.
ISSN: 0568-465X
DT Journal
LA Bulgarian
SL Russian; English
AB The source material used comprised 2 varieties from the Netherlands, the

gynoecious line Zh3 and some 3-way hybrids. After 5-6 cycles of inbreeding combined with strict individual selection, new small-fruited lines of the gynoecious and monoecious types with useful economic traits were derived for use in hybridization, notably the gynoecious lines PL, T and 81066 and the monoecious lines B81 and TR, which are briefly characterized.

L2 ANSWER 56 OF 223 AGRICOLA DUPLICATE 17
 AN 1998:7926 AGRICOLA
 DN IND20613201
 TI 'M 17' gummy stem blight resistant pickling **cucumber**
inbred.
 AU Wehner, T.C.; St Amand, P.C.; Lower, R.L.
 CS North Carolina State University, Raleigh, NC.
 AV DNAL (SB1.H6)
 SO HortScience : a publication of the American Society for Horticultural Science, Dec 1996. Vol. 31, No. 7. p. 1248-1249
 Publisher: Alexandria, Va. : The American Society for Horticultural Science.
 CODEN: HJHSAR; ISSN: 0018-5345
 NTE Includes references
 CY United States; Virginia
 DT Article
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L2 ANSWER 57 OF 223 AGRICOLA
 AN 1998:7924 AGRICOLA
 DN IND20613199
 TI NC-42 and NC-43: root-knot nematode-resistant **cucumber**
 germplasm.
 AU Walters, S.A.; Wehner, T.C.; Barker, K.R.
 CS North Carolina State University, Raleigh, NC.
 AV DNAL (SB1.H6)
 SO HortScience : a publication of the American Society for Horticultural Science, Dec 1996. Vol. 31, No. 7. p. 1246-1247
 Publisher: Alexandria, Va. : The American Society for Horticultural Science.
 CODEN: HJHSAR; ISSN: 0018-5345
 NTE Includes references
 CY United States; Virginia
 DT Article
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

=> d ti 101-223

L2 ANSWER 101 OF 223 CABA COPYRIGHT 2003 CABI
 TI Breeding the midearly sweet pepper cultivar Zhong Jiao 5.

L2 ANSWER 102 OF 223 CABA COPYRIGHT 2003 CABI
 TI Breeding the capsicum F1 variety Shenjiao 3.

L2 ANSWER 103 OF 223 AGRICOLA
 TI **Cucumber** population WI 6383 and derived inbreds WI 5098 and WI 5551.

L2 ANSWER 104 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI LINKAGE CHARACTERIZATION OF RESISTANCE TO ZYMV AND WMV-2 IN THE **INBRED** CHINESE **CUCUMBER** LINE TMG-1.

L2 ANSWER 105 OF 223 AGRICOLA DUPLICATE 31
 TI Heart leaf, a recessive leaf shape marker in **cucumber**: linkage with disease resistance and other traits.

L2 ANSWER 106 OF 223 CABA COPYRIGHT 2003 CABI
 TI Genetics of resistance in summer squash to powdery mildew and **cucumber** mosaic virus.

L2 ANSWER 107 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 DUPLICATE 32
 TI ROLE OF ROOTS AND SHOOTS IN THE REGULATION OF THE IRON EFFICIENCY RESPONSES IN SUNFLOWER AND **CUCUMBER**.

L2 ANSWER 108 OF 223 AGRICOLA DUPLICATE 33
 TI Plant density and herbicides affect **cucumber** productivity.

L2 ANSWER 109 OF 223 CABA COPYRIGHT 2003 CABI
 TI **Cucumber** (*Cucumis sativus* L.) induced mutations. II. A second short petiole mutant.

L2 ANSWER 110 OF 223 CABA COPYRIGHT 2003 CABI
 TI Correlation between parents and F1 progeny in earliness heterosis and the estimation of traits limits of parents.

L2 ANSWER 111 OF 223 CABA COPYRIGHT 2003 CABI
 TI Some relationships of seed production with parthenocarp and relative humidity in the **cucumber**.

L2 ANSWER 112 OF 223 CABA COPYRIGHT 2003 CABI
 TI Study on the multiple generations screening for **cucumber** varieties resistant to Fusarium wilt disease in seedling stage.

L2 ANSWER 113 OF 223 CABA COPYRIGHT 2003 CABI
 TI Breeding of gynoeocious **cucumber** inbreds 'Wonye 501' and 'Wonye 502'.

L2 ANSWER 114 OF 223 CABA COPYRIGHT 2003 CABI
 TI [Annual report, 1991].
 Jahresbericht, 1991.

L2 ANSWER 115 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 DUPLICATE 34
 TI THE EFFECT OF LOW ROOT TEMPERATURE ON GROWTH AND LIPID COMPOSITION OF LOW TEMPERATURE TOLERANT ROOTSTOCK GENOTYPES FOR **CUCUMBER**.

L2 ANSWER 116 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 DUPLICATE 35
 TI GROWTH TEMPERATURE AND LIPID COMPOSITION OF **CUCUMBER** GENOTYPES DIFFERING IN ADAPTATION TO LOW ENERGY CONDITIONS.

L2 ANSWER 117 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI STUDIES ON THE EARLY MATURITY HETEROSIS AND ITS FORMATIVE BASES OF YIELD COMPONENT TRAITS IN **CUCUMBER** CUCUMIS-SATIVUS L.

L2 ANSWER 118 OF 223 AGRICOLA DUPLICATE 36
 TI Gy 5 **cucumber** inbred and 'Johnston' hybrid pickling **cucumber**.

L2 ANSWER 119 OF 223 AGRICOLA DUPLICATE 37
 TI Gy 4 **cucumber** inbred and 'Raleigh' hybrid pickling **cucumber**.

L2 ANSWER 120 OF 223 CABA COPYRIGHT 2003 CABI
 TI High effective multiple selection of parental lines of **cucumber** hybrid with strong early mature heterosis.

L2 ANSWER 121 OF 223 CABA COPYRIGHT 2003 CABI
 TI Breeding the new **cucumber** for protected cultivation Zao Feng 2.

L2 ANSWER 122 OF 223 CABA COPYRIGHT 2003 CABI
 TI A **cucumber** (Cucumis sativus L.) mutant with yellow stem and leaf petioles.

L2 ANSWER 123 OF 223 CAPLUS COPYRIGHT 2003 ACS
 TI Regeneration of Cucumis sativus var. sativus and C. sativus var. hardwickii, C. melo, and C. metuliferus from explants through somatic embryogenesis and organogenesis. Influence of explant source, growth regulator regime and genotype

L2 ANSWER 124 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI IN-VITRO CULTURE OF CUCUMIS-SATIVUS L. 7. GENES CONTROLLING PLANT REGENERATION.

L2 ANSWER 125 OF 223 AGRICOLA
 TI The distribution of **cucumber** mosaic virus in resistant and susceptible plants of pepper.

L2 ANSWER 126 OF 223 CABA COPYRIGHT 2003 CABI
 TI Interactions of drought and low temperature stress on lipid and fatty acid composition of **cucumber** genotypes differing in growth response at suboptimal temperature.

L2 ANSWER 127 OF 223 CABA COPYRIGHT 2003 CABI
 TI Source-sink relationships in **cucumber**.

L2 ANSWER 128 OF 223 CABA COPYRIGHT 2003 CABI
 TI Production of inbred **cucumber** lines and their use to obtain heterotic hybrids.

L2 ANSWER 129 OF 223 CABA COPYRIGHT 2003 CABI
 TI 'Milo' **cucumber**.

L2 ANSWER 130 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 DUPLICATE 38
 TI COMPARISON OF TWO RECURRENT SELECTION PROCEDURES FOR YIELD IN TWO PICKLING
CUCUMBER POPULATIONS.

L2 ANSWER 131 OF 223 CABA COPYRIGHT 2003 CABI
 TI Features of vegetative development in **cucumber** plants of Chinese
 origin.

L2 ANSWER 132 OF 223 CABA COPYRIGHT 2003 CABI
 TI Evaluation of fruit quality in Cucumis sativus var. hardwickii (R.)
 Alef.-derived lines.

L2 ANSWER 133 OF 223 CABA COPYRIGHT 2003 CABI
 TI .

L2 ANSWER 134 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI INHERITANCE OF SEED WEIGHT IN CUCUMIS-SATIVUS-VAR-SATIVUS AND
 CUCUMIS-SATIVUS-VAR-HARDWICKII ROYLE KITAMURA.

L2 ANSWER 135 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI INDUCED MUTATIONS IN **CUCUMBER** CUCUMIS-SATIVUS L. IV. A MUTANT OF
 THE BUSH TYPE OF GROWTH.

L2 ANSWER 136 OF 223 AGRICOLA
 TI Comparisons between bacterial wilt resistant and susceptible gynoeious
cucumber lines and F1 progeny.

L2 ANSWER 137 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 DUPLICATE 39
 TI EFFECT OF INBREEDING ON HORTICULTURAL PERFORMANCE OF LINES DEVELOPED FROM
 AN OPEN-POLLINATED PICKLING **CUCUMBER** CUCUMIS-SATIVUS POPULATION.

L2 ANSWER 138 OF 223 CABA COPYRIGHT 2003 CABI
 TI 'Wautoma' **cucumber**.

L2 ANSWER 139 OF 223 AGRICOLA DUPLICATE 40
 TI The use of isozyme analysis to determine the purity of **cucumber**
 (Cucumis sativus L.) F1 hybrid seeds.

L2 ANSWER 140 OF 223 CABA COPYRIGHT 2003 CABI
 TI Induced mutations in **cucumber** (Cucumis sativus L.). VI.
 Determinate type of growth.

L2 ANSWER 141 OF 223 CABA COPYRIGHT 2003 CABI
 TI Induced mutations in **cucumber** (Cucumis sativus L.). V. Compact
 type of growth.

L2 ANSWER 142 OF 223 CABA COPYRIGHT 2003 CABI
 TI Induced mutations in **cucumber** (Cucumis sativus L.). IV. A mutant
 of the bush type of growth.

L2 ANSWER 143 OF 223 AGRICOLA
 TI Genetics of field resistance to powdery mildew, red pumpkin beetle and
cucumber mosaic virus in summer squash.

L2 ANSWER 144 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 DUPLICATE 41
 TI EFFICIENCY OF EARLY GENERATION TESTING IN PICKLING **CUCUMBER**
 CUCUMIS-SATIVUS.

L2 ANSWER 145 OF 223 CABA COPYRIGHT 2003 CABI
 TI {The pickling **cucumber** Kecskemeti Livme}.
 A Kecskemeti livme berakouborka.

L2 ANSWER 146 OF 223 AGRICOLA DUPLICATE 42
 TI Genetic variation within and between two **cucumber** populations
 derived via the **inbred** backcross line method.

L2 ANSWER 147 OF 223 AGRICOLA DUPLICATE 43
 TI Genetic analysis of fruit length and weight in two **cucumber**
 populations using the **inbred** backcross line method.

L2 ANSWER 148 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 DUPLICATE 44
 TI ELECTROPHORETIC VARIATION AND ENZYME STORAGE STABILITY IN **CUCUMBER**
 .

L2 ANSWER 149 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI EVALUATION OF THE RESISTANCE OF **CUCUMBER** CUCUMIS-SATIVUS TO
 COLLETOTRICHUM-GLOEOSPORIOIDES.

L2 ANSWER 150 OF 223 CABA COPYRIGHT 2003 CABI
 TI [Introduction of mildew resistance into the **cucumber** variety
 Kecskemeti Keseredesmentes Konzerv].
 A lisztharmat-tolerancia beépítése a 'Kecskemeti Keseredesmentes Konzerv'
 uborkafajtába.

L2 ANSWER 151 OF 223 AGRICOLA
 TI Diallel cross of **cucumber** for yield studies.
 Analise dialelica em pepino para mesa, visando o estudo de características
 relativas a produção.

L2 ANSWER 152 OF 223 CABA COPYRIGHT 2003 CABI
 TI The inheritance of partially dominant resistance to powdery mildew
 (Sphaerotheca fuliginea Poll.) in **cucumber** (Cucumis sativus L.).

L2 ANSWER 153 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI INDUCED MUTATIONS IN **CUCUMBER** CUCUMIS-SATIVUS 1. VARIABILITY IN
 M-1 AND M-2 GENERATIONS.

L2 ANSWER 154 OF 223 CABA COPYRIGHT 2003 CABI
 TI Effects of genotype and within-row spacing on the stability of sex
 expression in **cucumber**.

L2 ANSWER 155 OF 223 CABA COPYRIGHT 2003 CABI
 TI Induced mutations in **cucumber** (Cucumis sativus L.). II. Mutant
 of gigantism.

L2 ANSWER 156 OF 223 CABA COPYRIGHT 2003 CABI
 TI Effect of inbreeding on horticultural performance of **cucumber**
 families developed from a variable population.

L2 ANSWER 157 OF 223 AGRICOLA DUPLICATE 45
 TI Early generation testing in **cucumber**.

L2 ANSWER 158 OF 223 CABA COPYRIGHT 2003 CABI
 TI Pickling **cucumber** population improvement for increased fruit
 yield II.

L2 ANSWER 159 OF 223 AGRICOLA DUPLICATE 46
 TI Pickling **cucumber inbred** line development by full-sib
 family selection II.

L2 ANSWER 160 OF 223 CABA COPYRIGHT 2003 CABI
 TI Analysis of generation means and components of variance for fruit size in
 two **cucumber** populations; and genetic and breeding studies on
cucumber fruit size utilizing **inbred** backcross lines.

L2 ANSWER 161 OF 223 CABA COPYRIGHT 2003 CABI
 TI Effects of plant density, arrangement, and genotype on stability of sex
 expression in **cucumber**.

L2 ANSWER 162 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 DUPLICATE 47
 TI DIFFERENTIAL SENSITIVITY BETWEEN AND WITHIN SPECIES TO MAL-SECCO TOXIN.

L2 ANSWER 163 OF 223 CABA COPYRIGHT 2003 CABI
 TI Study of parthenocarpic forms of **cucumber** tolerant to
 Meloidogyne incognita.

L2 ANSWER 164 OF 223 CABA COPYRIGHT 2003 CABI
 TI Field evaluation of melon aphid resistant cantaloupe breeding lines for
 susceptibility to the **cucumber** beetle complex.

L2 ANSWER 165 OF 223 CABA COPYRIGHT 2003 CABI
 TI Effect of unequal competition from bordering rows on pickling
cucumber yield trial results.

L2 ANSWER 166 OF 223 CABA COPYRIGHT 2003 CABI
 TI Pickling **cucumber inbred** line development by full-sib
 family selection.

L2 ANSWER 167 OF 223 CABA COPYRIGHT 2003 CABI
 TI Response to different selection procedures for increased fruit yield in
 two pickling **cucumber** populations.

L2 ANSWER 168 OF 223 CABA COPYRIGHT 2003 CABI
 TI Resistance to downy mildew in Cucumis melo plant introductions and
 American cultivars.

L2 ANSWER 169 OF 223 AGRICOLA
 TI Performance of simple hybrids and **inbred** lines of the
cucumber Cucumis sativus L. of the Caipira group in a ground

culture in Anapolis [Goias State, Brazil].
Comportamento de híbridos simples e linhagens autofecundadas de pepino.
Cucumis sativus L. do grupo caipira, em cultura rasteira, em Anapolis.

- L2 ANSWER 170 OF 223 AGRICOLA DUPLICATE 48
TI Gene action and heterosis for yield and vegetative characteristics in a cross between a gynoeious pickling **cucumber inbred** and a Cucumis sativus var. hardwickii line.
- L2 ANSWER 171 OF 223 CABA COPYRIGHT 2003 CABI
TI Linkage of sex type, growth habit and fruit length in two **cucumber inbred** backcross populations.
- L2 ANSWER 172 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI ANALYSIS OF FRUIT LENGTH IN **CUCUMBER** BY THE **INBRED** BACKCROSS TECHNIQUE.
- L2 ANSWER 173 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI RECURRENT SELECTION AND HERITABILITY ESTIMATES FOR YIELD IN 2 DIVERGENT **CUCUMBER** POPULATIONS.
- L2 ANSWER 174 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. .
TI INHERITANCE OF PARTHENOCAPIRIC YIELD IN GYNOECIOUS PICKLING **CUCUMBER** CUCUMIS-SATIVUS FOR ONCE-OVER MECHANICAL HARVEST BY DIALLEL ANALYSIS OF 6 GYNOECIOUS LINES.
- L2 ANSWER 175 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 49
TI INHERITANCE OF RESISTANCE TO SULFUR DI OXIDE IN **CUCUMBER** CUCUMIS-SATIVUS.
- L2 ANSWER 176 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 50
TI ALTERATION OF SEX EXPRESSION IN **CUCUMBER** CUCUMIS-SATIVUS BY PARTIAL OR TOTAL REMOVAL OF THE COTYLEDONS.
- L2 ANSWER 177 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI ESTIMATES OF GENETIC VARIANCES FOR YIELD IN PICKLING **CUCUMBER** CUCUMIS-SATIVUS.
- L2 ANSWER 178 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 51
TI GENETIC INVESTIGATIONS OF DETERMINATE PICKLING **CUCUMBER** CUCUMIS-SATIVUS 1. INTERNODE LENGTH AND NODE NUMBER.
- L2 ANSWER 179 OF 223 CABA COPYRIGHT 2003 CABI
TI Variety Altai.
- L2 ANSWER 180 OF 223 CABA COPYRIGHT 2003 CABI
TI Gene effects for several characteristics in a cross between a pickling **cucumber inbred** (Cucumis sativus L.) and Cucumis hardwickii R.
- L2 ANSWER 181 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI GENE EFFECTS FOR SEVERAL CHARACTERISTICS IN A CROSS BETWEEN A PICKLING **CUCUMBER INBRED** CUCUMIS-SATIVUS AND CUCUMIS-HARDWICKII.
- L2 ANSWER 182 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding **cucumber** and tomato for greenhouse cultivation.
- L2 ANSWER 183 OF 223 CABA COPYRIGHT 2003 CABI
TI An estimate of heritability of fruit number from a cross between a pickling **cucumber inbred** (Cucumis sativus L.) and an **inbred** of C. hardwickii R.
- L2 ANSWER 184 OF 223 CABA COPYRIGHT 2003 CABI
TI Little-leaf, a new kind of pickling **cucumber** plant.
- L2 ANSWER 185 OF 223 CABA COPYRIGHT 2003 CABI
TI A genetic study of seed cavity size as related to fruit firmness, seed size and bloating in the brined **cucumber**, Cucumis sativus L.
- L2 ANSWER 186 OF 223 CABA COPYRIGHT 2003 CABI
TI A genetic study of stomates in **cucumber**, Cucumis sativus L. and its relationship with fruit wilting and brining quality.
- L2 ANSWER 187 OF 223 CABA COPYRIGHT 2003 CABI
TI Comparison of gibberellin A4/A7 and silver nitrate for induction of staminate flowers in a gynoeious **cucumber** line (Cucumis sativus L.).
- L2 ANSWER 188 OF 223 CABA COPYRIGHT 2003 CABI

TI Comparison of gibberellin A4/A7 and silver nitrate for induction of staminate flowers in a gynoeceious **cucumber** line (Cucumis sativus L.).

L2 ANSWER 189 OF 223 CABA COPYRIGHT 2003 CABI

TI Induction of high-yielding **cucumber** hybrids by mutagen treatment of F1 seeds.

L2 ANSWER 190 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI COMPARISON OF GIBBERELLIN A-4-A-7 AND SILVER NITRATE FOR INDUCTION OF STAMINATE FLOWERS IN A GYNOECIOUS **CUCUMBER** LINE CUCUMIS-SATIVUS.

L2 ANSWER 191 OF 223 CABA COPYRIGHT 2003 CABI

TI Variation in the quantitative characters of **cucumber** seeds in the maternal form Melkobugorchatyi 29.

L2 ANSWER 192 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE 52

TI HETEROSIS AND PHENOTYPIC STABILITY OF F-1 HYBRIDS IN **CUCUMBER** UNDER CONTROLLED ENVIRONMENT.

L2 ANSWER 193 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE 53

TI ESTIMATES OF HERITABILITIES AND VARIANCE COMPONENTS IN PICKLING **CUCUMBER**.

L2 ANSWER 194 OF 223 CABA COPYRIGHT 2003 CABI

TI Effects of silver nitrate and gibberellic acid on gynoeceious **cucumber**.

L2 ANSWER 195 OF 223 CABA COPYRIGHT 2003 CABI

TI Inheritance of short petiole in **cucumber**.

L2 ANSWER 196 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE 54

TI A DOMINANT GENE CONFERRING RESISTANCE TO FUSARIUM-OXYSPORUM-F-SP-CUCUMERINUM WILT IN **CUCUMBER**.

L2 ANSWER 197 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE 55

TI SEXUAL DIFFERENTIATION IN **CUCUMBER** THE EFFECTS OF ABSCISIC-ACID AND OTHER GROWTH REGULATORS ON VARIOUS SEX GENOTYPES.

L2 ANSWER 198 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI INHERITANCE OF SOME CHARACTERS IN **CUCUMBER** CUCUMIS-SATIVUS PART 1 POWDERY MILDEW RESISTANCE AND MOTTLING OF IMMATURE FRUIT.

L2 ANSWER 199 OF 223 CABA COPYRIGHT 2003 CABI

TI **Cucumber**.

L2 ANSWER 200 OF 223 CABA COPYRIGHT 2003 CABI

TI Study of **cucumber** hybrids of various types in greenhouses.

L2 ANSWER 201 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI MACRO SPOROGENESIS AND MACRO GAMETOGENESIS IN CUCUMIS-SATIVUS AND STATE OF THE FEMALE GAMETOPHYTE AND FLOWERS.

L2 ANSWER 202 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE 56

TI STUDIES ON THE INHERITANCE AND SELECTION ADVANCE REGARDING RESISTANCE TO ANGULAR LEAF SPOT OF **CUCUMBER** PSEUDOMONAS-LACHRYMANS.

L2 ANSWER 203 OF 223 CABA COPYRIGHT 2003 CABI

TI Results of breeding work to produce **cucumber** varieties suitable for once-over mechanical harvesting.

L2 ANSWER 204 OF 223 CABA COPYRIGHT 2003 CABI

TI Inheritance of fruit length and shape in **cucumber**, Cucumis sativus L.

L2 ANSWER 205 OF 223 CABA COPYRIGHT 2003 CABI

TI Methods of producing varieties and hybrids of **cucumber** without bitterness.

L2 ANSWER 206 OF 223 CABA COPYRIGHT 2003 CABI

TI **Cucumber**.

L2 ANSWER 207 OF 223 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 57

TI Effect of inbreeding on some physiological manifestations of **cucumber** (Cucumis sativus)

L2 ANSWER 208 OF 223 CABA COPYRIGHT 2003 CABI

TI New sex types in **cucumber** and their uses in breeding work.

L2 ANSWER 209 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 58

TI STUDY ON THE EFFECT OF INBREEDING IN **CUCUMBER** PART 1 GROWTH AND
REPRODUCTION PERFORMANCE OF THE **INBRED** LINE NO 3-6 FROM THE
CULTIVAR STAROZAGORSKI-LANGI.

L2 ANSWER 210 OF 223 CABA COPYRIGHT 2003 CABI

TI Parthenocarpy in **cucumber**.

L2 ANSWER 211 OF 223 CABA COPYRIGHT 2003 CABI

TI Sexual types of flowers and plants in **cucumber** (*Cucumis sativus*
L.).

L2 ANSWER 212 OF 223 AGRICOLA

TI Study on the effect of inbreeding in **cucumber**. 1. Growth and
reproduction performance of the **inbred** line No 3/6 from the
variety Starozagorski Langi

L2 ANSWER 213 OF 223 CABA COPYRIGHT 2003 CABI

TI Inheritance of tolerance to chloramben methyl ester in **cucumber**.

L2 ANSWER 214 OF 223 CABA COPYRIGHT 2003 CABI

TI Heterosis and its use in breeding **cucumber** crops for cultivation
under glass.

L2 ANSWER 215 OF 223 CABA COPYRIGHT 2003 CABI

TI Hybrid seed of **cucumber**.

L2 ANSWER 216 OF 223 CABA COPYRIGHT 2003 CABI

TI A cytogenetic study of a radiation-induced male sterile mutant of
cucumber.

L2 ANSWER 217 OF 223 CAPLUS COPYRIGHT 2003 ACS

TI Metabolism of pyrazon [5-amino-4-chloro-2-phenyl-3(2H)pyridazinone] in
susceptible species and **inbred** lines of tolerant red beet (*Beta*
vulgaris)

L2 ANSWER 218 OF 223 CABA COPYRIGHT 2003 CABI

TI [Weibulls Original Cilla, a new **cucumber** for forcing].
Weibull's Original Cilla, en ny drivgurka.

L2 ANSWER 219 OF 223 CABA COPYRIGHT 2003 CABI

TI **Cucumber** hybrids for unprotected and protected ground.

L2 ANSWER 220 OF 223 AGRICOLA

TI TAMU 950, a hermaphroditic **inbred** line of **cucumber**

L2 ANSWER 221 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI TAMU-950 A HERMAPHRODITIC **INBRED** LINE OF **CUCUMBER-D**.

L2 ANSWER 222 OF 223 CAPLUS COPYRIGHT 2003 ACS

TI Comparative specificity of the toxins of *Helminthosporium carbonum* and
Helminthosporium victoriae

L2 ANSWER 223 OF 223 CABA COPYRIGHT 2003 CABI

TI [First meeting on melon breeding and selection, Montfavet, France, June
1973].
Premiere reunion sur la selection du melon, Montfavet, France, Juin 1973.

=> d bib abs 221 219 206 199 182 184 166 168

L2 ANSWER 221 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 1971:56222 BIOSIS
DN BR07:56222
TI TAMU-950 A HERMAPHRODITIC **INBRED** LINE OF **CUCUMBER-D**.
AU PIKE L M; MULKEY W A
SO Tex. Agric. Exp. Stn., [Misc. Publ.] MP, (1971) 984, NO PAG.
CODEN: TAEMAT. ISSN: 0097-6334.
FS BR; OLD
LA Unavailable

L2 ANSWER 219 OF 223 CABA COPYRIGHT 2003 CABI
AN 74:69746 CABA
DN 741617940
TI **Cucumber** hybrids for unprotected and protected ground
AU Marchenko, O. Z.
SO Ovochivnitstvo i bashtannitstvo. Resp. mizhvid. temat. nauk zb, (1971) No.
12, pp. 48-50.

DT Secondary Source: Referativnyi Zhurnal (1972) 1.55.277
 LA Journal
 SL Ukrainian
 AB Russian
 The isolation and use of new female **inbred** strains adapted to the conditions of a particular zone enabled hybrids showing much higher yields, earlier ripening and other valuable characters superior to the approved varieties to be obtained.

L2 ANSWER 206 OF 223 CABA COPYRIGHT 2003 CABI
 AN 76:79231 CABA
 DN 751632857
 TI **Cucumber**
 SO Sweden, Sveriges Utsadesforening: Annual report of the Swedish Seed Association, 1974.: Sveriges Utsadesforenings Tidskrift, (1975) Vol. 85, pp. 67-138.
 DT Miscellaneous
 LA Swedish
 AB Among forcing material, selection for resistance to *Diplodina citrullina* and he crossing of **inbred** lines from resistant plants gave promising results. Material of outdoor **cucumber** with marked resistance to *Alternaria* in the field was selected.

L2 ANSWER 199 OF 223 CABA COPYRIGHT 2003 CABI
 AN 78:84215 CABA
 DN 781662130
 TI **Cucumber**
 SO Miscellaneous Publication, Hawaii Agricultural Experiment Station, (1977) pp. 25.
 Meeting Info.: USA, Hawaii, Hawaii Agricultural Experiment Station: Achievement report July 1975 - June 1976.
 DT Journal
 LA English
 AB The **inbred** Maile, with uniformly crisp ovary walls and resistance to water melon mosaic virus, has been used as parent to give the resistant F1 hybrid Sweet Slice.

L2 ANSWER 182 OF 223 CABA COPYRIGHT 2003 CABI
 AN 81:88243 CABA
 DN 811602821
 TI Breeding **cucumber** and tomato for greenhouse cultivation
 AU Kvasnikov, B. V.; Tarakanova, S. I.; Ignatova, S. I.; Rogova, N. T.; Suchkova, L. V.
 SO Tr. NII ovoshch. kh-va, (1980) Vol. 12/13, pp. 187-195.
 Secondary Source: Referativnyi Zhurnal (1981) 4.65.196
 DT Journal
 LA Russian
 AB **Inbred** lines were selected among west European and some east European parthenocarpic cucumbers. Heterotic hybrids produced from them included the parthenocarpic greenhouse variety Moskovskii Teplichnyi [Moscow Greenhouse], the high-yielding parthenocarpic hybrid Malakhit [Malachite], and the predominantly gynecious hybrids Aelita, Biryuza [Turquoise], Yaroslavna, Salyut [Salute] and Lada, which combine early ripening with high yield. The heterotic parthenocarpic hybrids 430 and 433-3, produced jointly by the Institute of Vegetable Farming, Moscow, and the Breeding Institute at Quedlinburg in the German Democratic Republic (GDR), exceed the F1 hybrids approved in the USSR and GDR in yield and equal the best Dutch hybrids Fabio and Sandra. The following tomatoes were bred for tolerance of low light intensities and resistance to disease: Nakhodka [Find], an early-ripening variety with resistance to *Cladosporium fulvum* [Fulvia fulva] and tolerance of *Fusarium oxysporum*; the F1 hybrids Sprint 262 and Solnyshko [Little Sun], which combine high early and total yield with good fruit quality and uniformity, and with resistance to tobacco mosaic virus, F. fulva and F. oxysporum; and the hybrid Lastochka [Swallow], which combines early ripening and high yield with resistance to tobacco mosaic virus and F. fulva. The hybrids G113, G96, G98 and G120, which show resistance to *Meloidogyne* species, tobacco mosaic virus, F. fulva and F. oxysporum, are promising breeding material.

L2 ANSWER 184 OF 223 CABA COPYRIGHT 2003 CABI
 AN 81:88219 CABA
 DN 811602765
 TI Little-leaf, a new kind of pickling **cucumber** plant
 AU Goode, M. J.; Bowers, J. L.; Bassi, A., Jr.
 CS Agric. Exp. Sta., Univ. Ark., Fayetteville, USA.
 SO Arkansas Farm Research, (1980) Vol. 29, No. 3, pp. 4.
 ISSN: 0004-1785
 DT Journal
 LA English
 AB The little-leaf character arose as a spontaneous mutation in nine out of 25 plants in a progeny row of a seventh-generation **inbred** population. Stem diameter and length were reduced as well as leaf size.

The leaves were approximately 5 cm wide. The plants flowered profusely. Whilst several plants were sterile, fertile progeny was obtained by selfing partially fertile plants. The mutation was controlled by a single recessive gene and possibly some modifiers. Both gynecious and monocious lines have been bred with this character.

L2 ANSWER 166 OF 223 CABA COPYRIGHT 2003 CABI
AN 84:24952 CABA
DN 841626099
TI Pickling **cucumber** inbred line development by full-sib family selection
AU Lertrat, K.; Lower, R. L.
CS Wisconsin Univ., Madison, WI 53706, USA.
SO Report, Cucurbit Genetics Cooperative, (1983) No. 6, pp. 16-18. 5 ref.
DT Journal
LA English
AB Full-sib family selection was practised for one year using the improved populations HSE-C3 (hardwickii semixotic, cycle 3) and GS-C3 (gynoecious synthetic, cycle 3) obtained after three cycles of S1 selection. Average fruit yield of 106 S0 x S0 (HSE-C3 x GS-C3) crosses was 2.32 fruit per plant but was not significantly greater than the average of six control hybrids.

L2 ANSWER 168 OF 223 CABA COPYRIGHT 2003 CABI
AN 82:73593 CABA
DN 821385394
TI Resistance to downy mildew in Cucumis melo plant introductions and American cultivars
AU Thomas, C. E.
CS USDA, Weslaco, Texas, USA.
SO Plant Disease, (1982) Vol. 66, No. 6, pp. 500-502. 1 tab. 11 ref. ISSN: 0191-2917
DT Journal
LA English
AB Twenty-two [melon] introductions, 14 cantaloupe cvs. and other selected Cucurbitaceae were evaluated for resistance to Pseudoperonospora cubensis under epiphytotic conditions at Weslaco in 1978 and 1979. Only 9 introductions, all from India, and 3 cvs. had less than or equal to 50% leaf loss due to the disease. The most resistant entry was an **inbred** derivative of PI 124111. **Cucumber** and Citrullus lanatus were infected in both years; Luffa cylindrica was not infected in either year. Three Cucurbita spp. (vegetable marrow, squash and C. moschata) were infected in 1979 but not 1978. Inoculations in growth chambers produced differential host responses similar to those expressed in the field.

=> d bib abs 159 158 138 129 128 119 118 103

L2 ANSWER 158 OF 223 CABA COPYRIGHT 2003 CABI
AN 85:75485 CABA
DN 851641497
TI Pickling **cucumber** population improvement for increased fruit yield II
AU Lertrat, K.; Lower, R. L.
CS Univ. Wis., Madison, WI 53706, USA.
SO Report, Cucurbit Genetics Cooperative, USA, (1984) No. 7, pp. 9. 1 ref.
DT Journal
LA English
AB In the second cycle of recurrent selection for specific combining ability using GY14 as an **inbred** tester and breeding populations HSE (hardwickii semixotic) and GS (gynoecious synthetic), average fruit yield for the test crosses was 1.75 and 1.63 fruit/plant, respectively, and was higher than that of the hybrid controls. The best 25 lines of HSE and GS, with an average fruit yield of 2.16 and 1.93 respectively, were selected at an intensity of 20% for further population improvement. [See also Plant Breeding Abstracts 54, 419.]

L2 ANSWER 159 OF 223 AGRICOLA DUPLICATE 46
AN 87:2424 AGRICOLA
DN IND85038306
TI Pickling **cucumber** inbred line development by full-sib family selection II.
AU Lertrat, K.; Lower, R.L.
AV DNAL (SB337.C94)
SO Report: Cucurbit genetics cooperative, June 1984. No. 7. p. 8
Publisher: Madison, Wis. : Department of Horticulture, University of Wisconsin.
NTE Includes references.
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L2 ANSWER 138 OF 223 CABA COPYRIGHT 2003 CABI
 AN 86:91182 CABA
 DN 861653249
 TI 'Wautoma' **cucumber**
 AU Peterson, C. E.; Staub, J. E.; Palmer, M. J.
 CS ARS, USDA, Madison, WI 53706, USA.
 SO HortScience, (1986) Vol. 21, No. 2, pp. 326.
 ISSN: 0018-5345
 DT Journal
 LA English
 AB Wautoma originated from a cross between the gynoeceious **inbred** GY14 and the monoecious line WI409M. It is resistant to Cladosporium cucumerinum, **cucumber** mosaic virus, Pseudomonas lachrymans [P. syringae pv. lachrymans], Pseudoperonospora cubensis, Sphaerotheca fuliginea, Colletotrichum orbiculare [C. lagenarium], Fusarium oxysporum f. sp. cucumerinum and Corynespora cassiicola. Fruits of Wautoma average about 3 : 1 in length : diameter ratio, are bitter free, white-spined, typically light-green and nearly cylindrical. Wautoma is indeterminate and flowers 2-3 days earlier than Calypso in Wisconsin. It performed as well as standard monoecious hybrids for fruit yield and salting quality in 1984 Wisconsin trials.

L2 ANSWER 129 OF 223 CABA COPYRIGHT 2003 CABI
 AN 89:25762 CABA
 DN 891603470
 TI 'Milo' **cucumber**
 AU Sekioka, T. T.; Takeda, K.; Tanaka, J. S.; Gilbert, J. C.
 CS Kauai Branch Sta., Univ. Hawaii, 7370-A Kuamoo Road, Kapaa, HI 96746, USA.
 SO HortScience, (1988) Vol. 23, No. 3, I, pp. 640.
 ISSN: 0018-5345
 DT Journal
 LA English
 AB Milo is a monoecious slicing **cucumber** derived from a cross between the University of Hawaii **inbred** lines 79-25 and 75A1. It produces vigorous tendrilless vines and uniform green fruit, 25 cm long, with crisp flesh and small seed cavities. In field trials it was resistant to **cucumber** mosaic virus and watermelon mosaic virus 2 and tolerant of powdery mildew (Sphaerotheca fuliginea). In trials at 3 sites Milo averaged 2.4 kg marketable fruits and 3.9 kg total fruits per plant, equal to Burpee Hybrid and better than Sweet Slice.

L2 ANSWER 128 OF 223 CABA COPYRIGHT 2003 CABI
 AN 89:37502 CABA
 DN 891675718
 TI Production of **inbred cucumber** lines and their use to obtain heterotic hybrids
 AU Dambrauskas, E.
 CS Litovskii N.-I. Inst. Plodoovshchnogo Khozyaistva, Lithuanian SSR.
 SO Problemy ekologicheskogo monitoringa i geneticheskie aspekty ornitofauny i drugikh organizmov. 2. Problemy geneticheskogo i ekologicheskogo monitoringa rastenii i zhivotnykh, (1988) pp. 34-36. Vilnius
 CY LITHUANIAN SSR
 DT Miscellaneous
 LA Russian
 AB In the production of hybrid varieties in the Lithuanian SSR, the maternal forms used were lines selected in Fetox F2, Heureka, Kuba F2 and 6502 and the pollen parents were lines selected in 6502 and Voronezhskii. Hybrids were obtained which outyielded the locally grown standard, Lebelles Fl, in total yield and early yield (first 15 days of fruiting), and produced good-quality fruit suitable for pickling. Tabulated data are given on early and total yield for the promising hybrids Fetox F2 x 6502, Kuba F2 x 6502 and Heureka x Voronezhskii.

L2 ANSWER 119 OF 223 AGRICOLA
 AN 91:26412 AGRICOLA
 DN IND91012331
 TI Gy 4 **cucumber inbred** and 'Raleigh' hybrid pickling **cucumber**.
 AU Lower, R.L.; Whener, T.C.; Jenkins, S.F. Jr
 CS University of Wisconsin, Madison, WI
 AV DNAL (SBI.H6)
 SO HortScience, Jan 1991. Vol. 26, No. 1. p. 77-78 ill
 Publisher: Alexandria, Va. : American Society for Horticultural Science.
 CODEN: HJHSAR; ISSN: 0018-5345
 NTE Includes references.
 DT Article
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

DUPLICATE 37

L2 ANSWER 118 OF 223 AGRICOLA
 AN 91:26413 AGRICOLA
 DN IND91012332

DUPLICATE 36

TI Gy 5 **cucumber inbred** and 'Johnston' hybrid pickling
cucumber.
 AU Wehner, T.C.; Jenkins, Jr; Lower, R.L.
 CS North Carolina State University, Raleigh, NC
 AV DNAL (SB1.H6)
 SO HortScience, Jan 1991. Vol. 26, No. 1. p. 78-79
 Publisher: Alexandria, Va. : American Society for Horticultural Science.
 CODEN: HJHSAR; ISSN: 0018-5345
 NTE Includes references.
 DT Article
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L2 ANSWER 103 OF 223 AGRICOLA
 AN 93:92576 AGRICOLA
 DN IND20358943
 TI **Cucumber** population WI 6383 and derived inbreds WI 5098 and WI
 5551.
 AU Staub, J.E.; Peterson, C.E.; Crubaugh, L.K.; Palmer, M.J.
 AV DNAL (SB1.H6)
 SO HortScience : a publication of the American Society for Horticultural
 Science, Dec 1992. Vol. 27, No. 12. p. 1340-1341
 Publisher: Alexandria, Va. : The American Society for Horticultural
 Science.
 CODEN: HJHSAR; ISSN: 0018-5345
 NTE Includes references
 CY United States; Virginia
 DT Article
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

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